Shoe Size

Adapted from Feet and Inches Project 3 in Detective Science by Jim Wiese. John Wiley, 1996.

A forensic scientist can approximate the height of a person using a shoe print. Here's the formula:

Equation:	**Example:**
Length of shoe in inches	10 inches
Multiply by 100	x 100
Equals	1000
Divide by 15	/15
Equals height of person in inches	66.66 inches
Divide by 12	/12
Equals height of person in feet	5.5 feet

Now you try it! Measure the suspect's shoe print:

How many inches long is it?	_____inches
x 100	x 100
Answer	_____
Divide by 15	/15
Equals height of suspect in inches	_____inches
Divide by 12	/12
Equals height of person in feet	_____feet

Now measure your own shoe:

How many inches long is your shoe?	_____inches
x 100	x 100
Answer	_____
Divide by 15	/15
Equals height of you in inches	_____inches
Divide by 12	/12
Equals height of you in feet	_____feet

Web Extra 6.7: Shoe Impressions